

STATEMENT OF BASIS (AI No. 51917)

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0106038 to discharge to waters of the State of Louisiana.

THE APPLICANT IS: Jensen Seafood Packing Company, Inc.  
P.O. Box 338  
Dulac, LA 70353

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)  
Office of Environmental Services  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Kelli Hamilton

DATE PREPARED: May 18, 2007

1. PERMIT STATUS

A. Reason For Permit Action:

Permit reissuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term.

B. LPDES permit - LPDES permit effective date: September 1, 2002  
LPDES permit expiration date: August 31, 2007  
EPA has not retained enforcement authority.

C. Date Application Received: March 19, 2007

2. FACILITY INFORMATION

A. FACILITY TYPE/ACTIVITY - shrimp and fish unloading dock

Shrimp and fish are unloaded from boats into the unloading water tanks, weighed, and packed with ice.

B. FEE RATE

1. Fee Rating Facility Type: minor
2. Complexity Type: II (BPJ points to 0 as per administrative decision)
3. Wastewater Type: II
4. SIC code: 2092

C. LOCATION - the end of Highway 3011 in Dulac, Terrebonne Parish  
Latitude 29°20'36", Longitude 90°43'55"

Statement of Basis for  
Jensen Seafood Packing Company, Inc.  
LA0106038, AI No. 51917  
Page 2

### 3. OUTFALL INFORMATION

#### Outfall 001

Discharge Type: shrimp and fish unloading tank wastewater  
Treatment: none  
Location: at the point of discharge from the tank (Latitude 29°20'38",  
Longitude 90°43'59")  
Flow: 500 gpd  
Discharge Route: unnamed canal, thence into Bayou Grand Caillou

#### Outfall 002

Discharge Type: shrimp and fish unloading tank wastewater  
Treatment: none  
Location: at the point of discharge from the tank (Latitude 29°20'39",  
Longitude 90°43'59")  
Flow: 500 gpd  
Discharge Route: unnamed canal, thence into Bayou Grand Caillou

#### Outfall 003

Discharge Type: treated sanitary wastewater  
Treatment: septic tank  
Location: at the point of discharge from the sanitary treatment system  
(Latitude 29°20'35", Longitude 90°43'56")  
Flow: 500 gpd  
Discharge Route: unnamed canal, thence into Bayou Grand Caillou

### 4. RECEIVING WATERS

STREAM - unnamed canal, thence into Bayou Grand Caillou

BASIN AND SEGMENT - Terrebonne Basin, Segment 120508

DESIGNATED USES - a. primary contact recreation  
b. secondary contact recreation  
c. propagation of fish and wildlife  
e. oyster propagation\*

\* Oyster Propagation is listed as a designated use of Segment 120508 (Houma Navigation Canal-Bayou Pelton to the boundary between segments 1205 and 1207). However, this designated use is applicable only if the discharge is directly into the named waterbody and not into a tributary or distributary of the waterbody, per LAC 33:IX.1111.E.

Statement of Basis for  
Jensen Seafood Packing Company, Inc.  
LA0106038, AI No. 51917  
Page 3

## 5. PROPOSED EFFLUENT LIMITS

BASIS - See Rationale below.

Summary of Proposed Changes From the Current LPDES Permit: None

## 6. COMPLIANCE HISTORY/COMMENTS

### A. Compliance History

LDEQ records were reviewed, and no records of compliance actions were found.

B. DMR Review/Excursions - no DMR's have been submitted.

## 7. EXISTING EFFLUENT LIMITS

Outfalls 001&002 -	Outfall 003 -
BOD --:Report mg/l	BOD ---:45 mg/l
TSS --:Report mg/l	TSS ---:45 mg/l
Oil and Grease --:Report mg/l	Fecal Coliform --:400
pH 6-9	pH 6-9

## 8. ENDANGERED SPECIES

The receiving waterbody, Subsegment 120508 of the Terrebonne Basin is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated September 29, 2006 from Watson (FWS) to Brown (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

## 9. HISTORIC SITES

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

Statement of Basis for  
Jensen Seafood Packing Company, Inc.  
LA0106038, AI No. 51917  
Page 4

#### 11. PUBLIC NOTICES

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

#### 12. STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENT

A SWP3 is included in the permit because in accordance with LAC 33:IX.2511.A.1, storm water shall not be required to obtain and LPDES permit "... except... discharges associated with industrial activity." In accordance with LAC 33:IX.2511.B.14.a-k, facilities classified as SIC code 2092 are considered to have storm water discharges associated with industrial activity.

The SWP3 shall be prepared, implemented, and maintained within (6) months of the effective date of the final permit. The plan should identify potential sources of storm water pollution and ensure the implementation of practices to prevent and reduce pollutants in the storm water discharges associated with industrial activity at the facility (see Narrative Requirements for the AI).

Statement of Basis for  
Jensen Seafood Packing Company, Inc.  
LA0106038, AI No. 51917  
Page 5

### Rationale for Jensen Seafood Packing Company, Inc.

1. **Outfall 001&002**, shrimp unloading tank wastewater (estimated flow is 500 GPD each)

<u>Pollutant</u>	<u>Limitation</u> Mo. Avg:Daily Max (mg/l)	<u>Reference</u>
Flow	--:Report	BPJ, *
BOD <sub>5</sub>	--:Report	BPJ, *
TSS	--:Report	BPJ, *
Oil & Grease	--:Report	BPJ, *
pH	6.0 su to 9.0 su	BPJ, *

**Treatment:** None

**Monitoring Frequency:** Once per quarter by grab sample. **BPJ** based on existing permits for similar outfalls.

**Limits Justification:** Flow reporting is in accordance with LAC 33:IX.2707.I.2.b. The Canned and Preserved Seafood Processing ELGs (40 CFR 409) do not apply to the effluent at this outfall. Report only requirements for BOD, TSS and Oil & Grease, and pH limits of 6.0 to 9.0 su have been placed in the permit based on BPJ and existing permits for similar outfalls.

2. **Outfall 003**, the discharge of treated **sanitary** wastewater (estimated flow is 500 gpd).

<u>Pollutant</u>	<u>Limitation</u> Mo. Avg:Weekly Avg (mg/l)	<u>Reference</u>
Flow	Report:Report	See limits justification (2) below
BOD <sub>5</sub>	--:45	See limits justification (1),(2) below
TSS	--:45	See limits justification (1),(2) below
Fecal Coliform	--:400	See limits justification (1),(2) below
pH (s.u.)	6.0:9.0 (min:max)	See limits justification (2) below

**Treatment:** packaged aeration unit

**Monitoring Frequency:** All parameters shall be monitored once per six (6) months in accordance with the current permitting practices for similar outfalls.

Statement of Basis for  
Jensen Seafood Packing Company, Inc.  
LA0106038, AI No. 51917  
Page 6

**Limits Justification:**

- 1) Sanitary wastewater regulated in accordance with LAC 33:IX.711 or LAC 33:IX.709.B - Concentration limits are **used** in accordance with LAC 33:IX.2363.F.1.b which states that **mass** limitations are not necessary when applicable standards and **limitations** are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which expresses BOD<sub>5</sub> and TSS in **terms** of concentration. Fecal Coliform limits have been set as per **LAC 33:IX.1113.C.5**.
- 2) BPJ utilizing the LPDES Class I Sanitary **General** Permit

\* Existing permits for similar outfalls  
BPJ Best Professional Judgement  
su Standard Units

**NOTE**

For outfalls containing concentration limits, the usage **of** concentration limits is based on BPJ for similar outfalls since the flow is **variable** and estimated.

**TMDL Waterbodies**

Subsegment 120508, Houma Navigation Canal-Bayou Pelton to the boundary between segments 1205 and 1207 (Estuarine), is listed on LDEQ's **Final** 2004 303(d) List as impaired for pathogen indicators. To date no TMDL's **have** been completed for this subsegment. A reopener clause will be established **in** the permit to allow for the requirement of more stringent effluent **limitations** and requirements as imposed by a TMDL. Until completion of TMDL's for the Terrebonne Basin, those suspected causes for impairment which are not directly **attributed** to the shrimp and fish unloading dock point source category have **been** eliminated in the formulation of effluent limitations and other **requirements** of this permit. Additionally, suspected causes of impairment which **could** be attributed to pollutants which were not determined to be discharged **at** a level which would cause, have the reasonable potential to cause or contribute to an excursion above any present state water quality standard were also **eliminated**. Therefore, for the purposes of this permit, pathogen indicators will be **addressed** in a manner consistent with the Department's permitting guidance for **implementing** Louisiana's surface water quality standards as follows:

**Pathogen Indicators**

A fecal coliform limit has been established in accordance with sanitary discharges.